

## PCT REQUEST

Print Out (Original in Electronic Form)

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	
<b>0-3</b>	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form - PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared Using	<b>PCT-SAFE</b> <b>Version 3.50 (Build 0002.162)</b>
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	Receiving Office (specified by the applicant)	<b>Korean Intellectual Property Office (RO/KR)</b>
<b>0-7</b>	Applicant's or agent's file reference	<b>PP04-0108</b>
<b>I</b>	<b>Title of Invention</b>	<b>HYDROCARBON STEAM CRACKING CATALYST, METHOD FOR PREPARING THE SAME AND METHOD FOR PREPARING LIGHT OLEFIN BY USING THE SAME</b>
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is:	<u>applicant only</u>
<b>II-2</b>	Applicant for	<b>all designated States except US</b>
<b>II-4</b>	Name:	<b>LG CHEM. LTD.</b>
<b>II-5</b>	Address:	<b>LG Twin Tower, East Tower 20, Yeouido-dong, Yeongdeungpo-gu Seoul150-721 Republic of Korea</b>
<b>II-6</b>	State of nationality	<b>KR</b>
<b>II-7</b>	State of residence	<b>KR</b>
<b>II-8</b>	Telephone No.	<b>82-042-866-2057</b>
<b>II-9</b>	Facsimile No.	<b>82-042-863-2053</b>
<b>II-10</b>	e-mail	<b>coolcool@lgchem.com</b>
<b>II-11</b>	Applicant's registration No. with the Office	<b>1-2001-013456-3</b>

## PCT REQUEST

Print Out (Original in Electronic Form)

III-1	<b>Applicant and/or inventor</b>	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	KANG, Jun-han
III-1-5	Address:	354, Dong-myeon, Yeongi-gun Chungcheongnam-do339-860 Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR
III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	LEE, Won-ho
III-2-5	Address:	Gangbyeon Apt. 112-10, Mannyeon-dong, Seo-gu Daejeon302-741 Republic of Korea
III-2-6	State of nationality	KR
III-2-7	State of residence	KR
III-3	<b>Applicant and/or inventor</b>	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	JEONG, Sang-mun
III-3-5	Address:	Chonggu Narae Apt. 108-1603, Jeonmin- dong, Yuseong-gu Daejeon305-729 Republic of Korea
III-3-6	State of nationality	KR
III-3-7	State of residence	KR
III-4	<b>Applicant and/or inventor</b>	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	PARK, Sang-ku
III-4-5	Address:	Woosung Apt. 302-1106, Sadang 2-dong, Dongjak-gu Seoul156-773 Republic of Korea
III-4-6	State of nationality	KR
III-4-7	State of residence	KR

## PCT REQUEST

Print Out (Original in Electronic Form)

III-5	<b>Applicant and/or inventor</b>	
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	CHAE, Jong-hyun
III-5-5	Address:	Dungji Apt. 106-602, Dunsan 2-dong, Seo-gu Daejeon302-734 Republic of Korea
III-5-6	State of nationality	KR
III-5-7	State of residence	KR
IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	CHO, In-Jae
IV-1-2	Address:	3rd Fl., Janghyun Bldg., 637-23, Yeoksam-dong, Gangnam-gu Seoul135-909 Republic of Korea
IV-1-3	Telephone No.	82-2-566-8300
IV-1-4	Facsimile No.	82-2-557-5558
IV-1-5	e-mail	ijcho@newkoreaip.com
IV-1-6	Agent's registration No.	9-1999-000606-6
V	<b>DESIGNATIONS</b>	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
V-2	Item V-2 may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. As to the consequences of such national law provisions in these and certain other States, see Designations in PCT-SAFE Help.	KR

## PCT REQUEST

Print Out (Original in Electronic Form)

<b>VI-1</b>	<b>Priority claim of earlier national application</b>		
VI-1-1	Filing date	27 May 2003 (27.05.2003)	
VI-1-2	Number	10-2003-0033860	
VI-1-3	Country	KR	
<b>VI-2</b>	<b>Priority document request</b>		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	Korean Intellectual Property Office (ISA/KR)	
<b>VIII</b>	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	12	✓
IX-3	Claims	3	✓
IX-4	Abstract	1	✓
IX-5	Drawings	0	✓
IX-7	TOTAL	21	
	<b>Accompanying Items</b>	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	-	✓
IX-9	Original separate power of attorney	-	✓
IX-11	Copy of general power of attorney	-	✓
IX-17	PCT-SAFE physical media	-	-
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	Korean	

**PCT REQUEST**

Print Out (Original in Electronic Form)

<b>X-1</b>	<b>Signature of applicant, agent or common representative</b>	
<b>X-1-1</b>	<b>Name (LAST, First)</b>	
<b>X-1-2</b>	<b>Name of signatory</b>	
<b>X-1-3</b>	<b>Capacity</b>	

**FOR RECEIVING OFFICE USE ONLY**

<b>10-1</b>	<b>Date of actual receipt of the purported international application</b>	
<b>10-2</b>	<b>Drawings:</b>	
<b>10-2-1</b>	<b>Received</b>	
<b>10-2-2</b>	<b>Not received</b>	
<b>10-3</b>	<b>Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application</b>	
<b>10-4</b>	<b>Date of timely receipt of the required corrections under PCT Article 11(2)</b>	
<b>10-5</b>	<b>International Searching Authority</b>	<b>ISA/KR</b>
<b>10-6</b>	<b>Transmittal of search copy delayed until search fee is paid</b>	

**FOR INTERNATIONAL BUREAU USE ONLY**

<b>11-1</b>	<b>Date of receipt of the record copy by the International Bureau</b>	
-------------	---	--